

ResiLink™ 36/48 ADF | Flat Drop Dielectric

All-dielectric flat drop cable (36 or 48 Fibers)

Prysmian

Strength Member

Water-Blocking Material

HDPE Outer Jacket

Gel-Filled Buffer Tube (36 or 48 Fibers)

Water-Blocking Material



FEATURES AND BENEFITS

Easy Access Design

- The jacket can be easily opened with a knife
- The buffer tubes are easily separated from the jacket and strength members
- **36 or 48f:** The 2.2 mm buffer tubes provide protection when routing fibers to the splice tray

All-Dielectric Messengers

- No bonding or grounding required
- Flexible and kink resistant

Dry Water-Blocking Technology

- Permits rapid cable preparation and termination
- Water-blocking materials are easily removed

Versatile Design

- Small cross-section and high strength provide good aerial performance
- Can be pushed or pulled through duct
- Highly crush-resistant

Dual Strength Member Design

- More flexible than a single, all-dielectric rod of the same strength
- Easier to handle and coil than comparable all-dielectric figure-8 designs
- A great alternative where steel strength members are not permissible

High Density Polyethylene Jacket

- Low friction installation
- Excellent protection from environmental hazards

Sheath Markings

- Provides positive identification and length verification

Performance

- Complies with Telcordia GR20 and ICEA 717

Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

PERFORMANCE SPECIFICATIONS

Bend Radius	mm	inches	
Dynamic	150	5.9	
Static	100	3.9	
Tensile Rating	N	lbf	
Installation Load	1336	300	
Temperature Ratings	°C	°F	
Operation	-40 to +70	-40 to +158	
Installation	-30 to +60	-22 to +140	
Storage/Shipping	-40 to +75	-40 to +167	
Installation SAG	Maximum Span Distance		
	NESC Heavy ft (m)	NESC Medium ft (m)	NESC Light ft (m)
1%	150 (45)	260 (79)	330 (100)
1.5%	160 (49)	280 (85)	370 (112)
3%	185 (56)	330 (100)	450 (137)

Dimensions and Weights

	36 or 48 Fibers
Buffer Tube OD	2.2 mm (0.12 in)
Cable Thickness	3.5 mm (0.17 in)
Cable Width	9.7 mm (0.33 in)
Cable Weight	371 kg/km (23 lbs/kft)
Max Cable Length	10,000 m (32,808 ft)

Prysmian

A Brand of Prysmian Group

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-607-0124

ResiLink™ 36/48 ADF | Flat Drop Dielectric

All-dielectric flat drop cable (36 or 48 Fibers)

Prysmian

Prysmian Part Number*	Fiber Count
DFD1JKT-24-AA-036-BB	36
DFD1JKT-24-AA-048-BB	48

* Where AA equals glass type and BB equals attenuation

Package Options

Package	Dimensions H x W x D		Capacity		Ship Weight	
	inches	cm	feet	m	lbs	kg
18" Plywood Reel	18 x 15 x 8	46 x 38 x 20	2600	800	74	33.6
29.5" Plywood Reel	29.5 x 18 x 12	76 x 46 x 30	8000	2450	249	113

*Note: This reel is not rated for long term outdoor storage. This cable is also available in longer lengths on standard OSP reels

Ordering Guide

The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

Example: ResiLink flat dielectric, flat drop (24 fibers/tube) with 36 single-mode fibers (printed in feet)



PART NUMBER CONSTRUCTION	
1 LENGTH MARKINGS	F = Feet or M = Meters
2 PRODUCT FAMILY	DFD = ResiLink™ All-Dielectric Flat Drop Cable
3 CONSTRUCTION	1JKT = Single Jacket
4 FIBER GROUPING	24F per buffer tube (36F will have 24 fibers in the Blue, and 12 fibers in the Orange tube)

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

FIBER INFORMATION							
5 FIBER TYPE	SINGLE-MODE B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D) CU = Corning™ SMF28® Ultra Single-Mode (ITU G.657.A1 & G.652.D) B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)						
6 FIBER COUNT	36 or 48 fibers						
7 FIBER GRADE	SINGLE-MODE <table border="1"> <thead> <tr> <th>Attenuation (dB/km)</th> <th>Wavelength (nm)</th> <th>Fiber Type</th> </tr> </thead> <tbody> <tr> <td>E3 = 0.35/0.35/0.25</td> <td>1310/1383/1550</td> <td>B1, CU, or B2</td> </tr> </tbody> </table>	Attenuation (dB/km)	Wavelength (nm)	Fiber Type	E3 = 0.35/0.35/0.25	1310/1383/1550	B1, CU, or B2
Attenuation (dB/km)	Wavelength (nm)	Fiber Type					
E3 = 0.35/0.35/0.25	1310/1383/1550	B1, CU, or B2					

Other cable constructions and fiber performance grades available on request.

Mounting Hardware - Clamp

Manufacturer	Catalog Number	Clamp Description
Belden	23-88881	2 Pair Stainless Steel Drop Wire Clamp



Prysmian

A Brand of Prysmian Group

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
 +1-859-572-8000 / na.prysmiangroup.com
 TLS-DS-A-607-0124